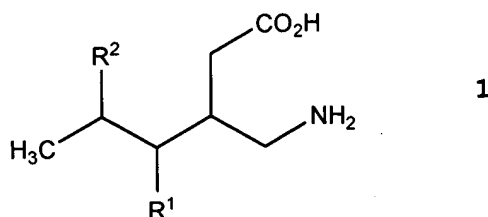


1. (currently amended) A method for treating a disorder in a mammal, including a human, comprising administering to said mammal a therapeutically effective amount of a compound of the formula 1



or a pharmaceutically acceptable salt thereof, wherein:

R¹ is hydrogen, straight or branched chain alkyl of from 1 to 6 carbon atoms or phenyl; and

R² is straight or branched chain alkyl of from 4 to 8 carbon atoms, straight or branched alkenyl of from 2 to 8 carbon atoms, cycloalkyl of from 3 to 7 carbon atoms, alkoxy of from 1 to 6 carbon atoms, -alkylcycloalkyl, -alkylOH, -alkylphenyl, -alkylphenoxy, or -substituted phenyl; and wherein said disorder is ~~selected from OCD, phobias, PTSD, restless legs syndrome, premenstrual dysphoric disorder,~~ hot flashes, ~~and~~ or fibromyalgia.

2. (currently amended) A method for treating a disorder in a mammal, including a human, comprising administering to said mammal a therapeutically effective amount of the compound (3S,5R)-3-Aminomethyl-5-methyl-octanoic acid or a pharmaceutically acceptable salt thereof wherein said disorder is ~~selected from OCD, phobias, PTSD, restless legs syndrome, premenstrual dysphoric disorder,~~ hot flashes, ~~and~~ or fibromyalgia.

3. (currently amended) The method according to claim 2 wherein said disorder is ~~selected from restless legs syndrome, premenstrual dysphoric disorder,~~ hot flashes, ~~and fibromyalgia.~~

4. (canceled)

5. (currently amended) The method according to claim 1 wherein said disorder is ~~selected from restless legs syndrome, premenstrual dysphoric disorder,~~ hot flashes, ~~and fibromyalgia.~~

Claims 6-17 (canceled)

18. (original) The method according to claim 1 wherein the compound administered is selected from

(3S,5R)-3-Aminomethyl-5-methyl-nonanoic acid,
(3S,5R)-3-Aminomethyl-5-methyl-decanoic acid,
(3S,5R)-3-Aminomethyl-5-methyl-undecanoic acid,
(3S,5R)-3-Aminomethyl-5-methyl-dodecanoic acid,
or a pharmaceutically acceptable salt thereof.

Claims 19-24 (canceled)